Dkt. 1795/59138-B-PCT-US/JPW/ANX

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVED

Applicants : Beth E. Borowsky, et al.

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U.S. Serial No.:

10/018,192

TECH CENTER 1600/2900

Filed

June 24, 2002

For

DNA Encoding SNORF36a and SNORF36b Receptors

1185 Avenue of the Americas New York, New York 10036

May 22, 2003

Mail Stop Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

This Supplemental Information Disclosure Statement is submitted under 37 C.F.R. \$1.97(c)(2) to supplement the Information Disclosure Statement filed May 14, 2002 in connection with the subject application.

According to 37 C.F.R. §1.97(c), an Information Disclosure Statement shall be considered by the U.S. Patent and Trademark Office if filed before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application, if the Information Disclosure Statement is accompanied by either (1) a statement as specified in 37 C.F.R. §1.97(e) or (2) the fee set forth in C.F.R. §1.17(p). The required fee as set in 37 C.F.R. §1.17(p) is ONE HUNDRED EIGHTY DOLLARS (\$180.00), and a check for this amount is enclosed.

In accordance with their duty of disclosure under 37 C.F.R. \$1.56, applicants would like to direct the Examiner's attention to European Search Report issued February 28, 2003 in connection

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with European Patent Application No. 00930332.2, a foreign counterpart of the subject application. A copy of this Search Report is attached hereto as **Exhibit A**.

One of the twelve items cited in the Search Report was previously submitted to the Patent Office in connection with the subject application. Applicants would like to direct the Examiner's attention to the remaining eleven citations, which are listed on the attached Form PTO-1449 (Exhibit B):

- 1. PCT International Application WO 01/62924 A, published August 30, 2001 (Exhibit 1);
- Marra M., et al., "The WashU-NCI Mouse EST Project 1999", March 25, 1999, Database Accession No. AI550997 (Exhibit 2);
- 3. Kefalov, V.J., et al., "Occupancy of the chromophore binding site of opsin activates visual transduction in rod photoreceptors", Journal of General Physiology (1999) 113(3): 491-503 (Exhibit 3);
- 4. Surya A. et al., "Enhancement of opsin activity by all-trans-retinal", Experimental Eye Research, (1998) 66(5): 599-603 (Exhibit 4);
- 5. Surya A., et al., "Evidence for multiple, biochemical distinguishable states in the G protein-coupled receptor, rhodopsin" Trends in Pharmacological Sciences, (1998) 19(7): 243-247 (Exhibit 5);
- 6. Yarfitz, S., et al., "Transduction mechanisms of vertebrate

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invertebrate photoreceptors" Journal of Biological Chemistry, (1994), 269(20): 14329-14332 (Exhibit 6);

- 7. Provencio I. et al., "A Novel Human Opsin in the Inner Retina" Journal of Neuroscience, (2000), 20(2):600-605 (Exhibit 7);
- 8. Provencio, I. et al., "A Novel Human Opsin in the Inner Retina" January 16, 2000, Database Accession No. : AF147789 (Exhibit 8);
- 9. Provencio, I. et al., "A Novel Human Opsin in the Inner Retina" January 16, 2000, Database Accession No. : AF147788 (Exhibit 9);
- 10. Provencio, I. et al., "Melanoposin: An Opsin in Melanophores, Brain and Eye" January 9, 1998, Database Accession No.: AF014797 (Exhibit 10); and
- 11. Provencio, I. et al., "Melanoposin: An Opsin in Melanophores, Brain and Eye" June 1, 1998, Database Accession No.: 057422 (Exhibit 11).

In accordance with their duty of disclosure under 37 C.F.R. \$1.56, applicants would further like to direct the Examiner's attention to the following references, including one relevant copending U.S. application, which is listed on the attached Form PTO-1449 (Exhibit B), and a copy of which is attached hereto as Exhibit 13:

12. U.S. Patent No. 6,413,731 B1 (Borowsky, et al.), issued
July 2, 2002 (Exhibit 12); and

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13. U.S. Serial No. 10/146,835, filed May 16, 2002 (Exhibit 13).

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone the number provided below.

No fee, other than the enclosed \$180.00, is deemed necessary in connection with the filing of this Supplemental Information Disclosure Statement. However, if any fee is deemed necessary, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

John P. White Reg. No. 28,678 5(2)

John (P.) White

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Sheet 1 of 2

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Applicants: Beth E. Borowsky, et al. U.S. Serial No.: 10/018,192 Filing Date: June 24, 2002 • Title: DNA Encoding SNORF36a and SNORF36b Receptors

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